SEOUENCE LISTING

```
<110> KOGANTY, Rao R.
       JIANG, Zi-Hua
       YALAMATI, Damayanthi
       GANDHI, Sham
       BUDZYNSKI, Wladyslaw
       KRANTZ, Mark J.
       LONGENECKER, Michael B.
<120> SYNTHETIC GLYCO-LIPO-PEPTIDES AS VACCINES
<130> KOGANTY4APCT
<140> PCT/US03/10750
<141> 2003-04-09
<150> 60/372,105
<151> 2000-04-15
<150> 60/377,595
<151> 2002-05-06
<160> 11
<170> PatentIn version 3.2
<210> 1
<211> 20
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 1
Tyr Ala Phe Lys Tyr Ala Arg His Ala Asn Val Gly Arg Asn Ala Phe
Glu Leu Phe Leu
            20
<210> 2
<211> 43
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 2
```

```
Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro
Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser
            20
Thr Ala Pro Pro Ala His Gly Val Ser Ser Leu
       35
                           40
<210> 3
<211> 12
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 3
Asn Ala Asn Pro Asn Ala Asn Pro Asn Ala Asn Pro
<210> 4
<211> 10
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 4
Glu Ala Glu Glu Ala Ala Arg Leu Gln Ala
<210> 5
<211> 20
<212> PRT
<213> Artificial
<220>
<223> synthetic
<220>
<221> misc_feature <222> (9)..(9)
<223> Xaa is Pro, Ala, Gln or Thr.
```

```
<220>
<221> misc_feature
<222> (18)..(18)
<223> Xaa is Asp or Glu.
<220>
<221> misc feature
<222> (19)..(19)
<223> Xaa is Thr or Ser.
<400> 5
Pro Ala Pro Gly Ser Thr Ala Pro Xaa Ala His Gly Val Thr Ser Ala
Pro Xaa Xaa Arg
             20
<210> 6
<211> 12
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 6
Pro Gly Ser Thr Ala Pro Pro Ala His Gly Val Thr
<210> 7
<211> 9
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 7
Thr Leu Ala Pro Ala Thr Glu Pro Ala
1 5
<210> 8
<211> 9
<212> PRT
<213> Artificial
```

```
<220>
<223> synthetic
<400> 8
Ala Leu Gly Ser Thr Ala Pro Pro Val
<210> 9
<211> 9
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 9
Phe Leu Ser Phe His Ile Ser Asn Leu
                5
<210> 10
<211> 20
<212> PRT
<213> Artificial
<220>
<223> synthetic
<400> 10
Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala
                                      10
Pro Pro Ala His
            20
<210> 11
<211> 27
<212> PRT
<213> Artificial
<220>
<223> synthetic
<220>
<221> misc_feature
<222> (26)...(26) <223> Is modified by a Palmitoyl group.
```

<400> 11

Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg 1 $$ 15